



PATENT APPLICATION

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FORM PTO-1482	ATTY. DKT NO.	15-024-CON	SER. NO.	10/686,645
	APPLICANT	Kobayashi et al.		
	FILING DATE	October 17, 2003	GROUP	2831

REFERENCE DESIGNATION

U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS
HVN	5,864,091	01/26/99	Sumida	—	—

FOREIGN PATENT DOCUMENTS

TRANSLATION

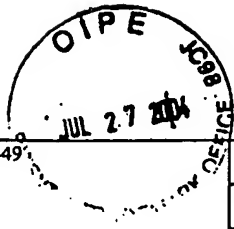
	DOCUMENT NUMBER	DATE	COUNTRY	NAME	CLASS	SUB CLASS	YES	NO
HVN	JP-A-6-318790	11/15/94	JAPAN		—	—	Engl. Abstract	
HVN	JP-2000-183551	06/30/00	JAPAN		—	—	Engl. Abstract	
	JP-U-59-96881	06/30/84	JAPAN		—	—	Engl. Abstract	
HVN	JP-A-8-18244	01/19/96	JAPAN		—	—	Engl. Abstract	

Typo

* Full English text of the JP Document will be available in machine-translated form from JP (Japanese Patent Office) English language web site at <http://www1.ipdl.jpo.go.jp/PA1/cgi-bin/PA1INDEX>.

OTHER REFERENCES (including Author, Title, Date, Pertinent Pages, etc.)

EXAMINER	HVN	DATE CONSIDERED 11-14-04



PATENT APPLICATION

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FORM PTO-1449	ATTY. DKT NO.	15-024-CON	SER. NO.	10/686,645
	APPLICANT	KOBAYASHI et al.		
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REFERENCE DESIGNATION

U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS

FOREIGN PATENT DOCUMENTS

TRANSLATION

	DOCUMENT NUMBER	DATE	COUNTRY	NAME	CLASS	SUB CLASS	YES	NO
HVN	JP-U-59-96884	06/30/84	JAPAN		—	—	Engl. Abstract	

OTHER REFERENCES (including Author, Title, Date, Pertinent Pages, etc.)

EXAMINER	HVN	DATE CONSIDERED 11-14-04